

**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1. – 10. (Cancelled).

11. (Previously Presented) A method for forming a holographic diffraction grating on a substrate comprising the steps of:

- a) applying a curable compound to at least a portion of the substrate;
- b) contacting at least a portion of the curable compound with diffraction grating forming means;
- c) curing the curable compound and
- d) depositing a metallic ink on at least a portion of the cured compound, wherein the optical density of metallic ink when deposited is in the range of 0.2 to 0.8.

12. – 18. (Cancelled).

19. (Withdrawn - Currently Amended) [[A]] The method as claimed in claim [[10]] 11, wherein the thickness of the metallic ink when deposited on a substrate ~~is sufficiently thin as to permit~~ permits the transmission of light therethrough.

20. (Withdrawn - Currently Amended) [[A]] The method as claimed in claim 19, wherein the percentage of light transmission is at least 30%.

21-22. (Cancelled).

23. (Withdrawn - Currently Amended) [[A]] The method as claimed in claim 19, wherein the optical density of metallic ink when deposited is in the range of light transmission.

24. **(Withdrawn - Currently Amended)** ~~[[A]]~~ The method as claimed in claim 23, wherein the optical density is in the range of 0.2 to 0.8 as measured by a Macbeth densitometer.

25-35. **(Cancelled)**.

36. **(Withdrawn - Currently Amended)** ~~[[A]]~~ The method as claimed in claim ~~[[35]]~~ 11, wherein the curable composition is a lacquer.

37. **(Cancelled)**.

38. **(Withdrawn - Currently Amended)** ~~[[A]]~~ The method as claimed in claim ~~[[36]]~~ 11, wherein the curable lacquer is cured by means of an ultraviolet (U.V.) light or an electron beam.

39-52. **(Cancelled)**.

53. **(Previously Presented)** A hologram obtained using the method of claim 11.

54. **(Currently Amended)** ~~[[A]]~~ The method as claimed in claim 11, wherein the metallic ink comprises metal pigment particles and a binder.

55. **(Withdrawn - Currently Amended)** ~~[[A]]~~ The method as claimed in claim ~~[[46]]~~ 54, wherein the pigment particles comprise any one or more selected from the group comprising aluminium, stainless steel, nichrome, gold, silver, platinum and copper.

56. **(Withdrawn - Currently Amended)** ~~[[A]]~~ The method as claimed in claim ~~[[47]]~~ 11, wherein the thickness of pigment particles is in the range 100 to 500 angstroms.

57. **(Withdrawn - Currently Amended)** ~~[[A]]~~ The method as claimed in claim ~~[[48]]~~ 11, wherein the thickness of pigment particles is in the range of 190 to 210 angstroms.

58. **(New)** The method as claimed in claim 11, wherein the substrate is translucent.

**59. (New)** The method as claimed in claim 11, wherein in step d), depositing is by printing.

**60. (New)** The method as claimed in claim 58, wherein the substrate has a first surface and a second surface, and wherein step d), the grating is viewable from both the first and second surfaces.

**61. (New)** The method as claimed in claim 11, wherein the substrate has a first surface, and is opaque, wherein in step d), the grating is viewable from the first surface.

**62. (New)** The method as claimed in claim 59, wherein in step d), depositing is by Gravure printing.